



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 23

Application Number: 09/331,947

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: 6/28/99 First Named Inventor: Demopoulos

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Group Art Unit Examiner Name : 1614

: J. Reamer

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ARUGA, ET AL., "Kinetic studies on the decomposition of glutathione. I. Decomposition in solid state", Chem. Pharm. Bull, 26:2081-91, 1978

ARUGA, ET AL., "Kinetic studies on decomposition of glutathione. II. Anaerobic decomposition in agueous solution", Chem. Pharm. Bull, 28:514-20, 1980

LASH, ET AL., "Distribution of oxidized and reduced forms of glutathione and cysteine in rat plasma", Arch. Biochem. Biophys, 240:583-92, 1985

MEISTER, A., "Selective modification of glutathione metabolism", Science 220: 472-477. 1983

MEISTER, ET AL., "Glutathione", Ann. Rev. Biochem, 72: 711-60, 1983

RILEY, ET AL., "A comparative study of the toxicity of chemically reactive xenobiotics...", J. Pharmacol. 45(4): 263-267, 1993

WIERZBICKA, ET AL., "Glutathione in food" J. Food Comp. Anal. 2:327-337, 1989

BRAVENBOER, ET AL., "Potential use of glutathione for the prevention and treatment of diabetic neuropathy in the streptozocin-induced diabetic rat", Diabetologia 35:813-17, 1992

CAVALETTI, ET AL., "Comparison of reduced glutathione with 2-mercaptoethane sulfonate to prevent cyclophosphamide-induced urotoxicity", Cancer Letters 32:1, 1986

HAMERS, ET AL., "Reduced glutathione protects against cisplatin-induced neurotoxicity in rats", Cancer Res. 53: 544-549, 1993

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NOVI, ET AL., "Glutathione and aflatoxin B₁-induced liver tumors: ...", Ann. NY Acad. XCI., 397:62-71, 1982

SKOULIS, ET AL., "Depression of hepatic glutathione by opioid analgesic drugs in mice", Toxicol. Appl. Pharmacol. 99:139-47, 1989

VILLANI, ET AL., "Prevention of doxorubicin-induced cardiomyopathy by reduced glutathions", Cancer Chemother. Pharmacol., 28:365-369, 1991

WAGNER, ET AL., "Lack of effect of long-term glutathione administration on aflatoxin B1-induced hepatome in male rats", Chem. Biol. Interactions, 53:57-68, 1985

YODA, ET AL., "Prevention of Doxorubicin myocardial toxicity in mice by reduced glutathione", Cancer Research, 46:2551, 1986

DROGE, ET AL., "Glutathione augments the activation of cytotoxic T lymphocytes in vivo, Immunobiol, 172:151-156, 1986

FURUKAWA, ET AL., "Reversal of age-associated decline in immune responsiveness by dietary glutathione supplementation in mice", Mech. Ageing Dev. 38:107-117, 1987

FRANKLIN, ET AL., "Glutathione augments in vitro proliferative responses of lymphocytes to concanavalin A to a greater degree in old than in young rats", J. Nutr. 120:1710-17, 1990

KAVANAUGH, ET AL., "Proliferative capacity of human peripheral lymphocytes sorted on the basis of glutathione content", J. Cell. Physiol. 145:472-80, 1990

ROBINSON, ET AL., "Glutathione depletion in rats impairs T-cell and macrophage immune function", Arch. Surg. 128:29-35, 1993

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publisher, city and/or country where published

SUTHANTHIRAN, ET AL., "Glutathione regulates activation-dependent DNA synthesis...", Proc. Natl. Acad. Sci. USA 87:3343-3347, 1990

SCHRECK, ET AL., "Reactive oxygen intermediates as apparently widely used messengers in the activation of the NF-kappa B ..." EMBO J 10:2247-2258 (1991)

ARPADI, ET AL., "Glutathione deficiency in HIV-1-infected children with growth failure (submitted for publication)

BARUCHEL, ET AL., "The role of oxidative stress in disease progression in individuals infected by the human immunodeficiency virus", J. Leukocyte Biol. 52:111-114, 1992

BUHL, ET AL., "Systemic glutathione deficiency in symptom-free HIV-seropositive individuals", Lancet ii:1294-1298, 1989

DROGE, ET AL., "HIV-induced cysteine deficiency and T-cell dysfunction-a rationale for treatment with N-acetylcysteine", Immunol. Today 13:211-4, 1992

ECK, ET AL., "Low concentrations of acid-soluble thiol (cysteine) in the blood plasma of HIV-1-infected patients", Biol. Chem. Hoppe-Seyler 370:101-108, 1989

FAUCI, A.S., "Multifactorial nature of human immunodeficiency virus disease: Implications for therapy", Science 262:1011-1018, 1993

FOLEY, ET AL., "HIV infection of monocytes inhibits the T-lymphocyte proliferative response to recall antigens via productions of eicosanoids, Immunology 75:391-97, 1992

HASAN, ET AL., "Stimulation of human T-cell clone with anti-CD3 or tumor necrosis factor induces NfkB ...", Proc. Natl. ACAD. XCI, 87:7861-65, 1990

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S

HO, ET AL., "Glutathione and N-acetylcysteine suppression of human immunodeficiency virus replication..., AIDS Res. Hum. Retroviruses, 8:1249-53, 1992

ISRAEL, ET AL., "Redox status of cells influences constitutive or induced NF?B translocation...", J. Immunol 149:3386-93, 1992

KALEBIC, ET AL., "Suppression of human immunodeficiency virus expression in chronically infected monocytic cells...", Proc. Natl. Acad. XCI. USA 87:986-990, 1991

LE GRAND-POELS, ET AL., "Activation of human immunodeficiency virus type 1 by oxidative stress", AIDS Res. Hum. Retrov. 6:1389-97, 1990

MIHM, ET AL., "Inhibition of HIV-1 replication and NF-kb activity by cysteine and cysteine derivatives, AIDS 5:497-503, 1991

National Institutes of Health, Dr. Howard C. Greenspan, Chairman of Conference on Free Radicals and Antioxidants in HIV/AIDS, November 12-13, 1993/Greenspan, H.C. The role of reactive oxygen species, antioxidants and phytopharmaceuticals in human immunodeficiency virus activity, Med-Hypotheses 40:85-92, 1993

ROEDERER, ET AL., "N-acetylcysteine inhibits latent HIV expression in chronically infected cells", AIDS Res. Human Retrovir. 7:(6) 563-567, 1991

ROEDERER, ET AL., "CD4 and CD8 T cells with high intracellular glutathione levels are selectively lost as the HIV infection progresses", Internat. Immunol. 3:933-37, 1991

ROEDERER, ET AL., "Cytokine-stimulated human immunodeficiency virus replication is inhibited by N-acetyl-L-cysteine, Proc. Natl. Acad. Sci USA 87:4884-4888, 1990

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No publisher, city and/or country where published

Initials

STAAL, ET AL., "Intracellular thiols regulate activation of nuclear factor kapp-B...", Proc. Natl. Acad. SCI USA 87:9943-9947, 1990

STAAL, ET AL., "Glutathione deficiency and human immunodeficiency virus infection", Lancet 339:909-12, 1992

STAAL, ET AL., "Intracellular glutathione levels in T cell subsets decrease in HIV-infected individuals", AIDS Res. Hum. Retroviruses 8:305-11, 1992

STAAL, ET AL., "Antioxidants inhibit stimulation of HIV transcription", AIDS Res. Hum. Retrov. 9:299-306, 1993

WAHL, ET AL., "Human immunodeficiency virus glycoprotein (gp120) induction of monocyte arachidonic acid metabolites...", Proc. Natl. Acad. Sci. 86:621-625, 1989

CERIELLO, ET AL., "Anti-oxidants show an anti-hypertensive effect in diabetic and hypertensive subjects", Clin. Sci. 81:739-742, 1991

PAOLISSO, ET AL., "Glutathione infusion potentiates glucose-induced insulin secretion in aged patients with impaired glucose tolerance", Diabetes Care 15:1-7, 1992

SEN, ET AL., "Antioxidant and redox regulation of gene transcription", FASEB J. 10, 709-720 1996

MAKINO, ET AL., "Cross-Talk between Endocrine Control of Stress Response and Cellular Antioxidant Defense System, Thioredoxin is a Redox-Regulating Cellular Cofactor for Glucocorticoid Hormone Action (Poster), Proceedings of 3rd Internet World Congress on Biomedical Sciences, 1996.12.9-20 Riken, Tsukuba, Japan

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Initials

KUEHL, ET AL., "Studies on a destructive oxidant released in the enzymatic reduction of prostaglandin G2 and other hydroperoxy acids", In:Pathology of Oxygen, ed. A.P. Auton, Acad. Press, New York, 1982, pp. 175-190

LASH, ET AL., "Exogenous glutathione protects intestinal epithelial cells from oxidative injury", Proc. Natl. Acad. Sci. USA 83:4641-4645, 1986

OKAMOTO, ET AL., Oxygen Radicals, Redox Regulation of the NF-kB Signaling and Disease Control by Antioxidants (poster), Proceedings of 3rd Internet World Congress on Biomedical Sciences, 1996.12.9-20 Riken, Tsukuba, Japan

GINN-PEASE, ET AL., "Redox signals and NF-kappaB activation in T cells", Free Radic Biol Med. 1998 Aug;25(3):346-61

HOLMGREN, A., "Thioredoxin and glutaredoxin systems", J Biol Chem 1989; 264, 13963-13966

SUGITA, ET AL., "Pigment epithelium-derived factor (PEDF) has direct effects on the metabolism and proliferation of microglia...", J Neurosci Res 1997 Sep 15;49(6):710-8

ESPOSITO, ET AL., "Inhibition of the differentiation of human myeloid cell lines by redox changes induced through glutathione depletion", Biochem. J. (1994) 301, 649-653

ALBERDI, E., ET AL., "Binding of Pigment Epithelium-derived Factor (PEDF) to Retinoblastoma Cells...", J Biol Chem. 1999 Oct 29;274(44):31605-31612

DAWSON, D.W., ET AL., "Pigment epithelium-derived factor: a potent inhibitor of angiogenesis", Science. 1999 Jul 9;285(5425):245-8

Spear



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TOMBRAN-TINK, J., ET AL., "Organization, evolutionary conservation, expression and unusual Alu density of the human gene..., "Mol Vis. 1996 Nov 4;2:11

GOLIATH, R., ET AL., "The gene for PEDF, a retinal growth factor is a prime candidate for retinitis pigmentosa...", Mol Vis. 1996 Jun 19;2:5

BOHM, ET AL., "A feasibility study of cisplatin administration with low-volume hydration and glutathione protection...", Anticancer Res. 11:1613-1616, 1991

COZZAGLIO, L., ET AL., "A feasibility study of high-dose cisplatin and 5-fluorouracil with glutathione protection...", Tumori 76:590-594, 1990

DEI RE, F., ET AL., "Efficacy and safety of high-dose cisplatin and cyclophosphamide with glutathione protection...", Cancer Chemother. Pharmacol. 25:355-360, 1990

NOBILE, M.T., ET AL., "A preliminary clinical study of cyclophosphamide with reduced glutathione as uroprotector", Tumori 75:257-258, 1989

COSTAGLIOLA, C., ET AL., Anemia and chronic renal failure: a therapeutic approach by reduced glutathione parenteral administration", Nephron 61:404-408, 1992

DALHOFF, K., ET AL., "Glutathione treatment of hepatocellular carcinoma", Liver 12:341-343, 1992

DEKANT, W., "Bioactivation of nephrotoxins and renal carcinogens by glutathione Sconjugate formation", Toxicol. Letters 67:151-60, 1993

DOMINGO, J.L., ET AL., "Chelating agents in the treatment of acute vanadyl sulphate intoxication in mice", Toxicology 62: 203-211, 1990

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MARTENSSON, J., ET AL., "Glutathione ester delays the onset of scurvy in ascorbatedeficient guinea pigs", Proc. Nat. Acad. Sci. USA 90:317-321, 1993

THUST, R., ET AL., "Exogenous glutathione induces sister chromatid exchanges, clastogenicity and endoreduplication...", Cell Biol. Toxicol. 1:123-31, 1985

AEBI, S., ET AL., "Divergent effects of intravenous GSH and cysteine on renal and hepatic GSH.", Aer. J. Physiol. 263(2 pt 2):R348-R352, 1992

AMMON, H.P.T., ET AL., "Pharmacokinetics of intravenously administered glutathione in the rat", J. Pharm. Pharmacol. 38:721-725, 1986

ANDERSON, M.E., ET AL., "Glutathione monoethyl ester: Preparation, uptake by tissues, and conversion to glutathione", Arch. Biochem. Biophys. 239:538-548, 1985

AW, T.Y., ET AL., "Oral glutathione increases tissue glutathione in vivo", Chem. Biol. Interact. 80:89-97, 1991

BOROK, Z., ET AL., "Effect of glutathione aerosol on oxidant-antioxidant imbalance in idiopathic pulmonary fibrosis", The Lancet 338:215-216, 1991

BUHL, R., ET AL., "Augmentation of glutathione in the fluid lining the epithelium of the lower respiratory tract...", Proc. Natl. Acad. Sci.USA 87: 4063-4067, 1990

BUMP, E.A., ET AL., "Elevation of mouse kidney thiol content following administration of glutathione", Radiother. Oncol. 23:21-25, 1992

GRIFFITH, O.W., ET AL., "Formation of g-glutamyl-cyst(e)ine in vivo is catalyzed by g-glutamyl transpeptidase", Proc. Natl. Acad. Sci. USA 78:2777-2781, 1981

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HAGEN, T.M., ET AL., "Fate of dietary glutathione. Disposition in the gastrointestinal tract", Am. J. Physiol. 259: G530-G535, 1990

HAGEN, T.M., ET AL., "Transepithelial transport of glutathione in vascularly perfused small intestine of rat", Am. J. Physiol. 252:G607-G613, 1987

HAGEN, T.M., ET AL., "Bioavailability of dietary glutathione. Effect on plasma concentration", Am. J. Physiol. 259:G524-G529, 1990

HAHN, R., ET AL., "The fate of extracellular glutathione in the rat", Biochim. Biophys. Acta 539:324-337, 1978

PURI, R.N., ET AL., "Transport of glutathione, as g-glutamylcysteinylglycyl ester, into liver and kidney", Proc. Natl. Acad. Sci. USA 80:5258-5260, 1983

VINA, J., ET AL., "Effect of oral glutathione on hepatic glutathione levels in rats and mice", Brit. J. Nutr. 62:683-91, 1989

AEBI, S., ET AL., "High-dose intravenous glutathione in man. Pharmacokinetics and effects on cyst(e)ine levels in plasma and urine", Eur. J. Clin. Invest. 21:103-110, 1991

HAGEN, T.M., ET AL., "Role of glutathione transport in extrahepatic detoxication. in Glutathione Centennial: Molecular Perspectives and Clinical Implications", N. Taniguchi, T. Higashi, Y. Sakamoto and A. Meister, eds. Acad. Press, New York, 1990

JONES, D.P., ET AL., "Oral administration of glutathione (GSH) increases plasma GSH concentration in humans", FASEB J.3:A1250 (5953), 1990

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

DEMOPOULOS, H.B., ET AL., "Free radical pathology and antioxidants in regional cerebral ischemia and central nervous system trauma", In: Anesthesia and Neurosurgery, eds. J. E. Cottrell and H. Tunndorf. C.V. Mosby, St. Louis, 1986, pp. 246-279

KAGAN, V.E., ET AL., "Antioxidant protection of the brain against oxidative stress", In: Free Radicals in the Brain, eds. L. Packer, L. Prilipko, and Y. Christen. Springer-Verlag, New York, 1992, pp. 49-61

SHAN, X., ET AL., "Glutathione-dependent protection against oxidative injury", Pharmac. Ther. 47:61-71, 1990

SIMON, D.I., ET AL., "Antiplatelet properties of protein S-nitrosothiols derived from nitric oxide and endothelium-derived relaxing factor", Arterioscler. Thromb. 13(6):791-799, 1993

TACCONE-GALLUCCI, M., ET AL., "Administration of GSH has no influence on the RBC membrane: Oxidative damage...", ASAIO Journal 38:855-857, 1992

MILLS, B.J., ET AL., "Sample processing alters glutathione and cysteine values in blood", Anal. Biochem. 184:263-267, 1990

RICHIE, J.P., ET AL., "The determination of glutathione, cyst(e)ine, and other thiols and disulfides in biological samples using high-performance liquid chromatography with dual electrochemical detection", Anal. Biochem. 163:9-15, 1987

LENZI, A, ET AL., "Glutathione therapy for male infertility", Arch. Androl. 29:65-68, 1992

Results of Dialog Search dated January 3, 1990

Results of Dialog Search dated December 27, 1989

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Medline Abstracts Re: Guido Kroemer

Medline Search #2

Medline Search #3.

Medline Search #4

Medline Search #5

Medline Search #6

Medline Search #7 re: Neil Kaplowitz

Medline Search #8

Medline Search #9 re: Keyword: Glutathione & Apoptosis

Medline Search #10 re: Glutathione & Macular Degeneration

Medline Search #11 re: Glutathione & Diabetes

Medline Search #12 re: Glutathione & Restenosis

Medline Search #13 re: Glutathione & Heart Disease

NAKAJIMA, T., ET AL., "Expression of cytochrome P450s..." Abstract, Volume 17:

January - December 1996

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DRINGEN, RALF, ET AL., "Glutathione Content as an Indicator...", Journal of Neurochemistry

MAY, J.M., ET AL., "Reduction of dehydroascorbate to ascorbate...", PubMed medline query

BIERHAUS, A., ET AL., "Advanced glycation end product-induced activation of NF-kappaB...", PubMed medline query

GARCIA DE LA ASUNCION, JOSE, ET AL., "Mitochondrial glutathione oxidation correlates with age-associated oxidative damage..."

WILLMORE, W.G., ET AL., "Glutathione Function, Glutathion-related Enzymes and anoxia tolerance...", bgw2.htm at www.carleton.ca

LOOK, M.P., ET AL., "Serum selenium, plasma glutathione (GSH) and Erythrocyte glutathione...", AIDS/HIV Selenium, GSH, GSH-Px

MYERS, C., "Information relating to HIV & Nutrition: HIV & Cysteine revisited", 7c4c22788117363a852564b4006f598a?OpenDocument...

MYERS, C., "HIV/AIDS and Nutrition: Commentary re Proof-Type Studies", f67b20cedd696863852564b8006ab698?OpenDocument...

HOSEIN, S.R., "HIV and antioxidants", 804c6bbfcf3e10c785256480006d406d? OpenDocument....

Immunocal Milk Protein Dietary Supplement, www.myenterprises.com

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Internet Article "Key Molecule Found Critical to Surviving HIV", Doctor's Guide

Internet Article "New Link to Alcohol-related Liver Damage Identified", Doctor's Guide

SPIELBERG, S.P., ET AL., "Glutathione synthetase-deficient lymphocytes and acetaminophen toxicity", Medline record 81112955

HAMMARQVIST, F., ET AL., "Skeletal muscle glutathione is depleted in critically ill patients", HealthGate Document

THORNALLEY, P.J., "Negative association between erythrocyte reduced glutathione concentration and diabetic complications", HealthGate Document

VINA, J., ET AL., "Exercise causes blood glutathione oxidation in chronic obstructive pulmonary disease", HealthGate Document

APPLEGATE, L.A., "Susceptibility of human melanoma cells to oxidative stress including UVA radiation", HealthGate Document

JACOBASCH, G., ET AL., "Hemolytic anemias due to erythrocyte enzyme deficiencies", HealthGate Document

KWASNIEWSKA, A., ET AL., "Frequency of HPV infection and level of glutathione in serum of women with cervix dysplasia", HealthGate Document

HERZENBERG, L.A., ET AL., "Glutathione deficiency is associated with impaired survival in HIV disease", HealthGate Document

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publisher, city and/or country where published

98

SCHWARTZ, J.L., ET AL., "Glutathione inhibits experimental oral carcinogenesis, p53 expression, and angiogenesis", HealthGate Document

SHARMA, M., ET AL., "Hepatoprotective and toxicological evaluation of hepatomed, an ayurvedic drug", HealthGate Document

MOHAN, I.K., ET AL., "Oxidant stress, anti-oxidants and essential fatty acids in systemic lupus erythematosus", HealthGate Document

CHAPPLE, I.L., "Reactive oxygen species and antioxidants in inflammatory diseases", HealthGate Document

AIELLO, L.P., ET AL., "Vascular endothelial growth factor in ocular fluid of patients with diabetic retinopathy and other retinal disorders", .../wgetcit?journal=N+Engl+J+Med& volume=331&page=1480&display=abstract&format=htm 10/22/99

BALDWIN, A.S., "The NF-kappa B and I kappa B proteins: new discoveries and insights", .../wgetcit?journal=Annu+Rev+Immunol&volume=14&page=649&display=abstract& format=h 10/29/99

BARCELLOS-HOFF, M.H., ET AL., "Redox-mediated activation of latent transforming growth factor-beta1", http://endo.edoc.com/volumes/mend/vol-10.09/1077.html

PEDF-S. Patricia Becerra, National Eye Institute Laboratory of Retinal Cell and Molecular Biology Gene Regulation, http://www.nei.nig.gov/textsite/intramural/pedf.asp

BERKMAN, R.A., ET AL., "Expression of the vascular permeability factor/vascular endothelial growth factor gene in central nervous system neoplasms", htt://wgetcit?journal=J+Clin+Invest&volume=91&page=153&display=abstract&format=htm

138

Spear



PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 15 of 23_

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Application Number : 09/331,947

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s),

publisher, city and/or country where published

BERNDT, KURT, "Effect of structure and stability on redox potential of glutaredoxins", http://broccoli.mfn.ki.se/kurt/project.html

BRYAN, J.A., ET AL., "A retinal pigment epithelial cell-derived growth factor(s)", .../wgetcit?journal=Arch+Ophthalmol&volume=104&page=422&display=abstract&format= htm10/22/99

BURNS, M.S., ET AL., "The retinal pigment epithelium induces fenestration of endothelial cells in vivo", htt.../wgetcit?journal=Curr+Eye+Res&volume=11&page=863&display= abstract&format=htm 10/22/99

CAMPOCHIARO, P.A., ET AL., "Retinoic acid promotes density-dependent growth arrest in human retinal pigment epithelial cells", .../wgetcit?journal=Invest+Ophthalmol+Vis+Sci &volume=32&page=65&display=abstract&form10/22/99

CAMPOCHIARO, P.A., ET AL., "Platelet-derived growth factor is an autocrine growth stimulator...", Journal of Cell Science, Volume 107 (9) 1994

CAMPOCHIARO, P.A., ET AL., "Corneal endothelial cell matrix promotes expression of differentiated features...", htt.../wgetcit?journal=Exp+Eye+Res&volume=57&page=539& display=abstract&format=htm 10/22/99

CAMPOCHIARO, P.A., ET AL., "Retinal pigment epithelial cells produce PDGF-like proteins and secrete them into their media", htt.../wgetcit?journal=Exp+Eye+Res&volume =49&page=217&display=abstract&format=htm 10/22/99

CLAUSS, M., ET AL., "Vascular permeability factor...", htt.../wgetcit?journal=J+Exp+ Med&volume=172&page=1535&display=abstract&format=htm 10/22/99

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PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published

nitials No

DUCKETT, COLIN, "Structure And Function of the NF-kappa-B Family of Transcription Factors", http://www.euro.promega.com/pnotes/44/duckett/duckett.html

EDELSON, EDWARD, "Vessel-Growing pill looks promising", http://www.healthscout.com/egi-bin/WebObjects/Af.woa?ap=43&d=81394

FERRARA, N., ET AL., "Expression of vascular endothelial growth...", htt.../wgetcit? journal=J+Clin+Invest&volume=91&page=160&display=abstract&format=htm 10/22/99

FOLKMAN, J., ET AL., "Angiogenic factors", http://w.../wgetcit?journal=Science&volume =235&page=442&display=abstract&format=htm 10/22/99

FUJII, JUNICHI, ET AL., "Dysfunction of redox system by reactive oxygen species...", http://www.3iwc.riken.go.jp/CONGRESS/SYMPO/SBF0206/AD0104/TIT.HTM 10/29/99

FUJII, J., ET AL., "Down regulation of superoxide dismutases and glutathione...", http://130.14.31.42/cgi-bin/VERSION_A/IGM-client?17673+records+1

GAY, C.G., ET AL., "Heparin-binding growth factor-1 stimulation of human endothelial cells...", h.../wgetcit?journal+J+Biol+Chem&volume=265&page=3284&display=abstract&format=htm 10/22/99

GITAY-GOREN, H., ET AL., "The binding of vascular endothelial growth factor...", h.../ wgetcit?journal=J+Biol+Chem&volume=267&page=6093&display=abstract&format=htm 10/22/99

GLASER, B.M., ET AL., "Retinal pigment epithelial cells release inhibitors...", ht../wgetcit? journal=Ophthalmology*volume=94&page=780&display=abstract&format=htm 10/22/99

Spear



PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 17 of 23

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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s),

publisher, city and/or country where published

HARRISON, JOSEPH, ET AL., "Retinal pigment epithelial dysfunction in human immunodeficiency virus...", http://www.lippincott.com/ophthalmology/abstracts/ v106n4Harrison.html 10/22/99

HOLMGREN, ARNE, "Redox regulation by the thioredoxin and glutaredoxin systems", http://www.3iwc.riken.go.jp/CONGRESS/SYMPO/SBF0206/AN0114/TIT.HTM 10/29/99

HOPP, R.M., ET AL., "Apoptosis in the Murine rd1Retinal Degeneration is predominantly p53-Independent...", http://www.molvis.org/molvis/v4/p5/ 10/22/99

HUEBER, AL., ET AL., "Daunomycin induced apoptosis in retinal pigment epithelial cells...", http://www.dog.org/1998/e-abstract98/458.html 10/22/99

KOCIOK, N., ET AL., "Expression of complement factor H in cultured retinal pigment epithelial cells", http://www.dog.org/1998/e-abstract98/462.html

KONSTANTINOV, YM, ET AL., "Differential redox regulation by glutathione of translation...", http://www.agron.missouri.edu/mnl/72/36konstantinov.html

KORTE, G.E., ET AL., "RPE destruction causes choriocapillary atrophy", .../wgetcit? journal=Invest+Ophthalmol+Vis+Sci&volume=25&page=1135&display=abstract&f 10/22/99

KRETZ-REMY, C., ET AL., "Inhibition of I kappa B-alpha phosphorylation...", htt.../ wgetcit?journal=J+Cell+Biol&volume=133&page=1083&display=abstract&format=htm 10/29/99



PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet <u>18</u> of <u>23</u>

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8

LEOF, E.B., ET AL., "Induction of c-sis mRNA and activity similar to platelet-derived growth factor...", .../wgetcit?journal=Proc+Natl+Acad+Sci+U+S+A&volume=83&page=2453&display=abstract& 10/22/99

LESCHEY, K.H., ET AL., "Growth factor responsiveness of human retinal pigment epithelial cells", .../wgetcit?journal=Invest+Ophthalmol+Vis+Sci&volume=31&page=839&display=abstract&fo 10/22/99

MACHEMER, R., ET AL., "Pigment epithelium proliferation in retinal detachment", ...w/ getcit?journal=Am+J+Ophthalmol&volume=80&page=1&display=abstract&format=htm 10/22/99

MAJESKY, M.W., ET AL., "PDGF ligand and receptor gene expression during repair of arterial injury", htt.../wgetcit?journal=J+Cell+Biol&volume=111&page=2149&display=abstract&format=htm 10/22/99

MANCINI, M.A., ET AL., "Does the retinal pigment epithelium polarize the choriocapillaris?", .../wgetcit?journal=Invest+Ophthalmol+Vis+Sci&volume=27&page=336&display=abstract&fo 10/22/99

MILLER, H., ET AL., "The role of retinal pigment epithelium in the involution of subretinal neovascularization", ...wgetcit?journal=Invest+Ophthalmol+Vis+Sci&volume=27page= 1644&display=abstract&f 10/22/99

MUDHAR, HARDEEP, ET AL., "PDGF and its receptors in the developing rodent retina and optic nerve", Development 118, 539-552

PHILLIPS, JOHANNA, ET AL., "Antisense inhibition of R-Cognin expression modulates differentiation of retinal neurons in vitro", http://www.molvis.org/molvis/v3/p12/10/22/99

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PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

Sheet 19 of 23

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publisher, city and/or country where published

PIERCE, G.F., ET AL., "Platelet-derived growth factor and transforming growth factor-beta enhance tissue repair activities by unique mechanisms", http.../wgetcit?journal=J+Cell+ Biol&volume=109&page=429&display-abstract&format=htm 10/22/99

PIERCE, G.F., ET AL., "Therapeutic application of growth factors" "Role of plateletderived growth factor in wound healing", .../wgetcit?journal=J+Cell+Biochem&volume= 45&page=319&display=abstract&format=htm 10/22/99

PLATE, K.H., ET AL., "Vascular endothelial growth factor is a potential tumour angiogenesis factor in human gliomas in vivo", http://www.../wgetcit?journal=Nature& volume=359&page=845&display=abstract&format=htm 10/22/99

QIN, JUN, ET AL., "Structural basis of thioredoxin-mediated redox-regulation", http:// www.3iwc.riken.go.jp/CONGRESS/SYMPO/SBF0206/AI0109/TIT.HTM

ROSS, R., ET AL., "Localization of PDGF-B protein in macrophages in all phases of atherogenesis", http://...wgetcit?journal=Science&volume=248&page=1009&display= abstract&format=htm 10/22/99

RUBIN, K., ET AL., "Expression of platelet-derived growth factor receptors is induced on connective tissue cells during chronic synovial inflammation", .../wgetcit?journal=Scand+ J+Immunol&volume=27&page=285&display=abstract&format=htm 10/22/99

RYAN, S.J., "The pathophysiology of proliferative vitreoretinopathy in its management". .../wgetcit?journal=Am+J+Ophthalmol&volume=100&page=188&display=abstract& format=htm 10/22/99



PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet <u>20</u> of <u>23</u>

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publisher, city and/or country where published

SARKS, S.H., "Council Lecture. Drusen and their relationship to senile macular degeneration", .../wgetcit?journal=Aust+J+Ophthalmol&volume=8&page=117&display= abstract&format=htm 10/22/99

SCHWEIGERER, L., ET AL., "Basic fibroblast growth factor is synthesized in cultured retinal pigment epitherlial cells", .../wgetcit?journal=Biochem+Biophys+Res+Commun& volume=143&page=934&display=abstr 10/22/99

SEIGEL, GAIL M., ET AL., "Inducible apoptosis-promoting activity in retinal cellconditioned medium", http://www.molvis.org/molvis/v3/p14/10/22/99

SEN, CHANDAN K., ET AL., "Therapeutic potential of a-Lipoic acid: molecular aspects", http://www.3iwc.riken.go.jp/CONGRESS/SYMPO/SBF0206/AE0105/TIT.HTM

SEN, CHANDAN K., ET AL., "Cellular thiol redox status", http://packer.berkeley.edu/ research/Cell/thiol 10/29/99

STRAMM, L., ET AL., "Disease expression in cultured pigment epithelium. Feline mucopolysaccharidosis VI", .../wgetcit?journal=Invest+Ophthalmol+Vis+Sci&volume= 26&page=182&display=abstract&fo 10/22/99

VLODAVSKY, I., ET AL., "Aortic endothelial cells synthesize basic fibroblast growth factor...", .../wgetcit?journal=J+Cell+Physiol&volume=131&page=402&display=abstract& format=htm 10/2/2/99

WONG, H.C., ET AL., "Retinal pigment epithelial cells in culture produce retinal vascular mitogents", .../wgetcit?journal=Arch+Ophthalmol&volume=106&page=1439&display= abstract&format=htm 10/22/99



PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 21 of 23

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98

YANG, Q.R., ET AL., "Human retinal pigment epithelial cells from different donors continuously produce a vascular endothelial cell-stimulating factor into serum-free medium" http://usa.biologists.com/JCS/104/01/jcs7729f.html. 10/22/99

YOUNG, R.W., "Pathophysiology of age-related macular degeneration", ...w/wgetcit? journal=Surv+Ophthalmol&volume=31&page=291&display=abstract&format=htm 10/22/99

FABI, RANDY, "Artificially grown sex organs may soon be possible", http://story?StoryId =CocUE0b8ZtJeYmZCWmdu&FQ=apomorphine&Nav=na-search-&StoryTitle=apomorphin 11/19/99

Internet Article "Apomorphine: The rediscovery of an Old Treatment for Parkinson's Desease?", http://www.newsalert.com/bi...:7RWbWbtu5nmdal&FQ=apomorphine&Nav=na-search-&StoryTitle=apomorphin 11/19/99

Internet Article "Apomorphine SL Study 94-03-01", http://urology.columbia.edu/sexualdysfunc/apomorphine/sld006.htm 11/19/99

Internet Article "Apomorphine, Sildensafil and Phentolamine", http://63.72.98.30/content/article.asp?articleid=25

FIRFER, HOLLY, "Study finds new therapy for impotence", October 27, 1999, http://cnn.com/HEALTH/men/9910/27/erection.drug/index.html 10/28/99

CRAYHON, ROBERT, "The real power of antioxidants", http://ehostvgw3.epnet.com/print2.asp?re...r=&hitNum=2&cacheControl=loaded&x=41&y=9

J&pear



PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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OTHER PRIOR A	ART - NON PATENT	LITERATURE DOCUMENTS

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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published

FRANK, ROBERT, ET AL., "Antioxidant enzymes in the macular retinal pigment epithelium of eyes with neovascular age-related macular degeneration"

KOWLURU, RENU, ET AL., "Effects of antioxidants (Abnormalities of retinal metabolism in diabetes or experimental galactosemia, part 3)

"Nutrients combat macular degeneration" (excerpted from the Journal of the American Medical Association, November 8, 1994)

CHRISTEN, WILLIAM, "Antioxidants and eye disease. (Health Promotion and Disease Preventive: The Role of Antioxidant Vitamins)", American Journal of Medicine, September 26, 1994, v97, n3A p14S(4)

FRIBERG, THOMAS, "Age-related macular degeneration (Review) title page

STARR, CHRISTOPHER, ET AL., "Age-related macular degeneration: can we stem this worldwide public health crisis?", Postgraduate Medicine, May 1998 v103 n5 p153(9)

"Combating a common blindness (drug visudyne may help treat macular degeneration)" (Brief Article) copyright 1999 Maclean Hunter (Canada)

ADLER, TINA, "Beta-carotene may lower vitamin E stores" (Brief Article) copyright 1994 Science Service Inc.

MAHI, JOSEPHINE, "Macular degeneration and lutein", Total Health, March-April 1997 v19 n1 p21(1)

"OTC vitamin products to prevent cataracts and macular degeneration", copyright 1995 Center for Medical Consumers Inc.

pear



PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

Group Art Unit

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Cite No

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published

"Antioxidants may deter macular degeneration", copyright 1994 Argus Press

HERSHMAN, TANIA, "Flaccid Flowers Bloom on Viagra", Wired News, August 9, 1999

"Industry/University Group Finds HDL Regulatory Gene", Genetic Engineering News. Volume 19, Number 15, September 1, 1999

"Australians Target Prostate Cancer and BPH", Genetic Engineering News, September 1, 1999

Cover sheet "Antioxidants & Redox Signaling", Volume 1 Number 1, Spring 1999

GLASER, VICKI, "AtheroGenics attacks plaque", Genetic Engineering News, September 1, 1999

FOX, SOPHIA, "Bayer Funds Collaboration", Genetic Engineering News, September 1, 1999

WU, YQ, ET AL., "Proteolytic activity directed toward pigment epithelium-derived factor...", http://130.14.32.44/cgi-bin/VERSION B/IGM-client?8314+records+1 8/4/99

MARCUS, ADAM, "Antioxidants may prevent pregnancy problem", http://www. healthscout.com/cgi-bin/WebObjects/Af.woa?ap=43&id=65283 9/8/99

"Antioxidants may fight rare killer disease", http://cnn.com/HEALTH/9908/16/rare.disease. ap/index.html 8/17/99

National Library of Medicine: IGM Details of Search Screen, http://130.14.32.44/cgi-bin/ VERSION B/IGM-client?8314+records+21